

10/618,701

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAPLUS
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEADLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
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NEWS WWW	CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

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FILE 'HOME' ENTERED AT 12:39:36 ON 17 MAY 2004

=> file uspatfull
COST IN U.S. DOLLARS

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FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 14 Feb 2002 (20020214/PD)
FILE LAST UPDATED: 14 Feb 2002 (20020214/ED)
HIGHEST GRANTED PATENT NUMBER: US6330719
HIGHEST APPLICATION PUBLICATION NUMBER: US2002019999
CA INDEXING IS CURRENT THROUGH 14 Feb 2002 (20020214/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 14 Feb 2002 (20020214/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2002
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2002

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>>> and applications are typically loaded on the day of publication.<<<
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>>> is included in file records. A thesaurus is available for the <<<
>>> USPTO Manual of Classifications in the /NCL, /INCL, and /RPCL <<<
>>> fields. This thesaurus includes catchword terms from the <<<
>>> USPTO/MOC subject headings and subheadings. Thesauri are also <<<
>>> available for the WIPO International Patent Classification <<<
>>> (IPC) Manuals, editions 1-6, in the /IC1, /IC2, /IC3, /IC4, <<<
>>> /IC5, and /IC (/IC6) fields, respectively. The thesauri in <<<
>>> the /IC5 and /IC fields include the corresponding catchword <<<
>>> terms from the IPC subject headings and subheadings. <<<

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s sunscreen? or UV
6667 SUNSCREEN?
138134 UV
L1 141782 SUNSCREEN? OR UV

=> s us518517/pn
L2 0 US518517/PN

=> s us5518517/pn
L3 1 US5518517/PN

=> s us5858055/pn
L4 1 US5858055/PN

=> s us5129972/pn
L5 1 US5129972/PN

=> s us4919179/pn
L6 1 US4919179/PN

=> d l3 ibib abs

L3 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 96:43175 USPATFULL

10/618,701

TITLE: Water-in-oil emulsion fertilizer compositions
INVENTOR(S): Jahnke, Richard W., Mentor, OH, United States
Forsberg, John W., Mentor, OH, United States
Pearson, Nils O., Lyndhurst, OH, United States
PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5518517		19960521	<--
APPLICATION INFO.:	US 1994-337804		19941114	(8)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			
PRIMARY EXAMINER:	Langel, Wayne			
LEGAL REPRESENTATIVE:	Engelmann, John H., Hunter, Sr., Frederick D., Shold, David M.			
NUMBER OF CLAIMS:	95			
EXEMPLARY CLAIM:	1			
LINE COUNT:	2323			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A non-explosive water in oil emulsion fertilizer composition comprising:
a discontinuous aqueous phase comprising at least one fertilizer
component; a continuous oil phase; an emulsifier comprising the reaction
product of at least one succinic acylating agent and at least one
co-reactant selected from the group consisting of: primary alkanol
amines, secondary alkanol amines, tertiary alkanol amines, primary
amines, secondary amines, tertiary amines, poly-amines, alcohols,
polyols, and phenols is disclosed. The fertilizer compositions provide
for delayed release of the fertilizer components.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:39:36 ON 17 MAY 2004)

FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004

L1 141782 S SUNSCREEN? OR UV
L2 0 S US518517/PN
L3 1 S US5518517/PN
L4 1 S US5858055/PN
L5 1 S US5129972/PN
L6 1 S US4919179/PN

=> d 14 ibib abs

L4 ANSWER 1 OF 1 USPATFULL on STN
ACCESSION NUMBER: 1999:3733 USPATFULL
TITLE: Water-in-oil emulsion fertilizer compositions
INVENTOR(S): Jahnke, Richard W., Mentor, OH, United States
Forsberg, John W., Mentor, OH, United States
Pearson, Nils O., Lyndhurst, OH, United States
PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
(U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5858055		19990112	<--
APPLICATION INFO.:	US 1997-946399		19971007	(8)
DOCUMENT TYPE:	Utility			
FILE SEGMENT:	Granted			

071/064

071/064

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PRIMARY EXAMINER: Langel, Wayne
LEGAL REPRESENTATIVE: Fischer, Joseph P., Cordek, James L.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1,12
LINE COUNT: 1030

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A non-explosive water in oil emulsion fertilizer composition is provided which comprises:

a discontinuous aqueous phase comprising at least one fertilizer component;

a continuous oil phase;

an emulsifier comprising the reaction product of at least one hydrocarbyl substituted phenol with at least one amine and at least one aldehyde.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 12:39:36 ON 17 MAY 2004)

FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004

L1 141782 S SUNSCREEN? OR UV
L2 0 S US518517/PN
L3 1 S US5518517/PN
L4 1 S US5858055/PN
L5 1 S US5129972/PN
L6 1 S US4919179/PN

=> d 15 ibib abs

L5 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 92:57340 USPATFULL
TITLE: Emulsifiers and explosive emulsions containing same
INVENTOR(S): Riga, Alan T., Cleveland, OH, United States
Forsberg, John W., Mentor, OH, United States
PATENT ASSIGNEE(S): The Lubrizol Corporation, Wickliffe, OH, United States
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5129972		19920714
APPLICATION INFO.:	US 1991-733068		19910717 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1990-509399, filed on 13 Apr 1990, now abandoned which is a continuation of Ser. No. US 1989-380054, filed on 14 Jul 1989, now patented, Pat. No. US 4919178 which is a continuation-in-part of Ser. No. US 1989-367185, filed on 16 Jun 1989, now patented, Pat. No. US 4956028 which is a continuation of Ser. No. US 1986-931377, filed on 14 Nov 1986, now patented, Pat. No. US 4840687 which is a continuation-in-part of Ser. No. US 1987-137303, filed on 23 Dec 1987, now patented, Pat. No. US 4863534, said Ser. No. 380054 which is a continuation-in-part of Ser. No. US 1988-265877, filed on 1 Nov 1988, now patented, Pat. No. US 5047175 which is a division of Ser. No. US 1987-137301, filed on 23 Dec 1987, now patented, Pat. No. US 4828633		

516/024

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DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Lechert, Jr., Stephen J.
LEGAL REPRESENTATIVE: Engelmann, John H., Hunter, Frederick D., Collins,
Forrest L.
NUMBER OF CLAIMS: 106
EXEMPLARY CLAIM: 1
LINE COUNT: 3113

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Emulsifiers are disclosed which comprise the reaction product of component (I) with component (II). Component (I) comprises the reaction product of certain carboxylic acids or anhydrides, or ester or amide derivatives thereof, with ammonia, at least one amine, at least one alkali and/or at least one alkaline-earth metal. Component (II) comprises certain phosphorus-containing acids; or metal salts of said phosphorus-containing acids, the metal being selected from the group consisting of magnesium, calcium, strontium, chromium, manganese, iron, molybdenum, cobalt, nickel, copper, silver, zinc, cadmium, aluminum, tin, lead, and mixtures of two or more thereof. These emulsifiers are useful in water-in-oil explosive emulsions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 16 ibib abs

L6 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 90:31268 USPATFULL
TITLE: Water-in-oil emulsion explosive
INVENTOR(S): Chattopadhyay, Arun K., McMasterville, Canada
PATENT ASSIGNEE(S): Imperial Chemical Industries PLC, London, England
(non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4919179		19900424	<--
APPLICATION INFO.:	US 1989-392367		19890811	(7)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1988-22187	19880921
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lechert, Jr., Stephen J.	
LEGAL REPRESENTATIVE:	Cushman, Darby & Cushman	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
LINE COUNT:	570	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A novel PIBSA-based surfactant is provided which has particular utility in the manufacture of water-in-oil explosive emulsions. The surfactant comprises the esterification product of polyalk(en)yl succinic anhydride and an adduct of the formula: ##STR1## where

R.sub.1 is H or --CH.sub.2 --CH.sub.2 --OH

and

R.sub.2 is selected from the group consisting of an acyl group containing 8-20 carbon atoms and a hydroxy ethyl ester of a mono- or di-carboxylic acid containing from 8-25 carbon atoms. The compound can be distinguished from the prior art PIBSA-based surfactants by virtue of

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the absence of any polyamine in its synthesis, the presence of an ester linkage and the absence of a salt linkage.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s sunscreen? or uv

6667 SUNSCREEN?

138134 UV

L7 141782 SUNSCREEN? OR UV

=> s polyolefin?

L8 84535 POLYOLEFIN?

=> s l7 and l8

L9 14898 L7 AND L8

=> s polymer? or oligomr?

613042 POLYMER?

16 OLIGOMR?

L10 613042 POLYMER? OR OLIGOMR?

=> s l9 and l10

L11 14123 L9 AND L10

=> s l1/ti

353 SUNSCREEN?/TI

1622 UV/TI

L12 1953 (SUNSCREEN?/TI OR UV/TI)

=> s l12 and l8

L13 236 L12 AND L8

=> s oil-in-water or water-in-oil

512664 OIL

1119032 WATER

47692 OIL-IN-WATER

(OIL(1W)WATER)

1119032 WATER

512664 OIL

40107 WATER-IN-OIL

(WATER(1W)OIL)

L14 66613 OIL-IN-WATER OR WATER-IN-OIL

=> s l13 and l14

L15 23 L13 AND L14

=> s metal oxide?

1266594 METAL

583046 OXIDE?

L16 116766 METAL OXIDE?

(METAL(W)OXIDE?)

=> s l15 and l16

L17 17 L15 AND L16

=> s cosmetic?

L18 54191 COSMETIC?

=> s l17 and l18

L19 17 L17 AND L18

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=> d 1-17 ibib abs

L19 ANSWER 1 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2004:88239 USPATFULL
TITLE: Photoprotective **cosmetic** compositions
comprising inorganic **UV**-blocking agents
INVENTOR(S): Lennon, Paula, Lyon, FRANCE
Lorant, Raluca, Thiais, FRANCE
PATENT ASSIGNEE(S): SOCIETE L'OREAL S.A., Paris, FRANCE (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004067208	A1	20040408
APPLICATION INFO.:	US 2003-618701	A1	20030715 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-FR46, filed on 8 Jan 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-484	20010115
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
LINE COUNT:	757	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable photoprotective **cosmetic** emulsions, notably **water-in-oil** emulsions well suited for the UV-photoprotection of the skin, lips, mucous membranes and/or hair, contain at least one aqueous phase, at least one oily phase, an effective UV-photoprotecting amount of at least one coated or uncoated **metal oxide** UV-blocking agent and an effective stabilizing amount of at least one amphiphilic oligomer or polymer derived from a **polyolefin** which also comprises at least one polar moiety, formulated into a physiologically acceptable medium therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 2 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2004:82280 USPATFULL
TITLE: Photoprotective **sunscreen** compositions
comprising 1,3,5-triazine compounds and triesters of benenetricarboxylic acids
INVENTOR(S): Candau, Didier, Bievres, FRANCE
PATENT ASSIGNEE(S): SOCIETE L'OREAL S.A., Paris, FRANCE (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004062729	A1	20040401
APPLICATION INFO.:	US 2003-621361	A1	20030718 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-FR78, filed on 10 Jan 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-750	20010119
DOCUMENT TYPE:	Utility	

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FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404,
Alexandria, VA, 22313-1404
NUMBER OF CLAIMS: 32
EXEMPLARY CLAIM: 1
LINE COUNT: 963

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Photoprotective **cosmetic**/dermatological compositions well suited for UV-photoprotecting the skin, lips, hair, eyelashes, eyebrows and/or nails against the damaging effects of UV radiation comprise (i) an effective UV-screening amount of at least one 1,3,5-triazine sunscreen, and (ii) an amount effective to solubilize the totality of said at least one triazine sunscreen (i) of at least one triester of a benzenetricarboxylic acid, formulated into (iii) a topically applicable, **cosmetically**/dermatologically acceptable carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 3 OF 17 USPATFULL on STN
ACCESSION NUMBER: 2004:64533 USPATFULL
TITLE: Benzophenone **uv**-absorbers with heterocyclic substituents
INVENTOR(S): Reinehr, Dieter, Kandern, GERMANY, FEDERAL REPUBLIC OF
Sauter, Hanspeter, Schopfheim, GERMANY, FEDERAL REPUBLIC OF
Riesterer, Sonja, Tegernau, GERMANY, FEDERAL REPUBLIC OF

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004049052	A1	20040311
APPLICATION INFO.:	US 2003-433841	A1	20030609 (10)
	WO 2001-EP14177		20011204

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2000-811176	20001212
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CIBA SPECIALTY CHEMICALS CORPORATION, PATENT DEPARTMENT, 540 WHITE PLAINS RD, P O BOX 2005, TARRYTOWN, NY, 10591-9005	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1526	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compounds having the formula: wherein R1 represents hydrogen, C1-C20 alkyl which is unsubstituted or substituted by one or more ammonium, mono-, di-, tri or tetra-C1-C12 alkylammonium groups or by one or more sulphonium groups or represents an aralkyl residue having a total of from 7 to 10 carbon atoms and, in which, the aryl group is unsubstituted or substituted by C1-C4alkyl, C1-C4 alkoxy or halogen and Z is a group selected from R2, R3 and R4, independently, representing hydrogen, C1-C4alkyl, C1-C4 alkoxy, halogen, NHCOC1-C4 alkyl or phenyl which is unsubstituted or substituted by. C1-C4 alkyl, C1-C4 alkoxy or halogen, a process for their preparation and use of the compounds of formula (1) as UV-absorbers which have improved absorption spectrum characteristics, superior resistance to exposure to UV light and excellent thermal stability, relative to known benzophenone compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L19 ANSWER 4 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2004:18317 USPATFULL
TITLE: Heteroaryl substituted hydroxyphenyltriazine uv
-absorbers
INVENTOR(S): Reinehr, Dieter, Kandern, GERMANY, FEDERAL REPUBLIC OF
Sauter, Hanspeter, Schopfheim, GERMANY, FEDERAL
REPUBLIC OF
Zink, Rudolf, Therwil, SWITZERLAND

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004013619	A1	20040122
APPLICATION INFO.:	US 2003-398040	A1	20030331 (10)
	WO 2001-EP11078		20010925

	NUMBER	DATE
PRIORITY INFORMATION:	EP 2000-810909	20001003
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CIBA SPECIALTY CHEMICALS CORPORATION, PATENT DEPARTMENT, 540 WHITE PLAINS RD, P O BOX 2005, TARRYTOWN, NY, 10591-9005	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
LINE COUNT:	1486	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides compounds having the formula (1) in which each of the radicals R.sub.1, R.sub.2, R.sub.3 and R.sub.4, independently, represent hydrogen, hydroxy, halogen, C.sub.1-C.sub.20-alkyl, C.sub.1-C.sub.20-alkoxy, CN or COOR.sub.5, in which R.sub.5 is C.sub.1-C.sub.20-alkyl and Z represents a heterocyclic residue selected from the 2H-benzo[1,2-d]triazol-2-yl, 2H-naphtho[1,2-d]triazol-2-yl, benzimidazol-2-yl, benzoxazol-2-yl and benzofuran-2-yl moieties, optionally substituted by C.sub.1-C.sub.4-alkyl, C.sub.1-C.sub.4-alkoxy, halogen or NHCOC.sub.1-C.sub.4-alkyl, a process for their preparation, new intermediate benzoxazinones useful for their preparation and use of the compounds of formula (1) as UV-absorbers which have improved absorption spectrum characteristics, superior resistance to exposure to UV light and excellent thermal stability, relative to known triphenyltriazine compounds.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 5 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:237286 USPATFULL
TITLE: Composition containing a dibenzoylmethane derivative
and an alpha-alkylstyrene dimer uv
stabilising method
INVENTOR(S): Forestier, Serge, Claye Souilly, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003165443	A1	20030904
APPLICATION INFO.:	US 2003-129483	A1	20030319 (10)
	WO 2001-FR2655		20010823

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2000-11304	20000905
	FR 2000-16791	20001221
DOCUMENT TYPE:	Utility	

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FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: BURNS DOANE SWECKER & MATHIS L L P, POST OFFICE BOX
1404, ALEXANDRIA, VA, 22313-1404
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
LINE COUNT: 823

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to a **cosmetic** or dermatological composition, for topical use, in particular for the photoprotection of skin and hair, characterized in that it comprises at least, in a **cosmetically** acceptable support:

(a) from 0.1 to 20% by weight of a UV screening agent of the dibenzoylmethane-based type and

(b) from 0.1 to 20% by weight of one specific α -alkylstyrene-based dimer.

The invention relates to a novel process for improving the stability of at least one dibenzoylmethane derivative towards UV radiation, which consists in combining with the said dibenzoylmethane derivative an effective amount of at least one specific α -alkylstyrene-based dimer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 6 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:225224 USPATFULL

TITLE: PHOTO STABLE ORGANIC **SUNSCREEN** COMPOUNDS WITH ANTIOXIDANT PROPERTIES AND COMPOSITIONS OBTAINED THEREFROM

INVENTOR(S): Chaudhuri, Ratan K., Lincoln Park, NJ, UNITED STATES

PATENT ASSIGNEE(S): EM Industries, Hawthorne, NY, 10532 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003157035	A1	20030821
APPLICATION INFO.:	US 2001-22343	A1	20011220 (10)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201		
NUMBER OF CLAIMS:	33		
EXEMPLARY CLAIM:	1		
LINE COUNT:	961		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of formula I ##STR1##

wherein

A is a moiety which provides UV absorbing activity to the compound of formula I that comprises 1 divalent group or 2 monovalent groups, with at least one group having carbonyl (C.dbd.O) functionality. R.sub.6 is linear or branched C.sub.1-C.sub.8 alkyl and R.sub.5 is a linear or branched C.sub.1-C.sub.8 alkyl or hydrogen. Sunscreen formulations which contain these compounds and methods for using these compounds to prepare formulations are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 7 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:180244 USPATFULL

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TITLE: Dibenzoylmethane **sunscreen** compositions
containing photostablizing amounts of tri-substituted
butane compounds
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Aubert, Fabien, Paris, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003124071	A1	20030703
	US 6616919	B2	20030909
APPLICATION INFO.:	US 2002-228304	A1	20020827 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-11139	20010827
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NORMAN H. STEPNO, ESQUIRE, BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
LINE COUNT:	824	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Improvedly photostable UV-photoprotecting **cosmetic**
/dermatological compositions for the skin and/or the hair contain (a) a
UV-photoprotective amount of at least one dibenzoylmethane sunscreen,
e.g., 4-(tert-butyl)-4'-methoxydibenzoylmethane or 4-
isopropylidibenzoylmethane, advantageously (a') a UV-photoprotective
amount of at least one 1,3,5-triazine sunscreen, e.g.,
2-[(p-(tert-butylamido)-4,6-bis[(p-(2'-ethylhexyl-1'-oxycarbonyl)anilino]-
1,3,5-triazine or 2,4,6-tris[p-(2'-ethylhexyl-1'-oxycarbonyl)anilino]-
1,3,5-triazine, (b) an effective sunscreen photostabilizing amount of
1,1,1-tris(2-methyl-4-hydroxy-5-tert-butylphenyl) butane, formulated
into (c) a topically applicable, **cosmetically** acceptable
vehicle, diluent or carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 8 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:158879 USPATFULL
TITLE: PHOTO STABLE ORGANIC **SUNSCREEN** COMPOUNDS WITH
ANTIOXIDANT PROPERTIES AND COMPOSITIONS OBTAINED
THEREFROM
INVENTOR(S): Chaudhuri, Ratan K., Lincoln Park, NJ, UNITED STATES
PATENT ASSIGNEE(S): EM Industries, Hawthorne, NY, 10532 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003108492	A1	20030612
	US 6602515	B2	20030805
APPLICATION INFO.:	US 2001-904904	A1	20010716 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	MILLEN, WHITE, ZELANO & BRANIGAN, P.C., 2200 CLARENDON BLVD., SUITE 1400, ARLINGTON, VA, 22201		
NUMBER OF CLAIMS:	33		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Page(s)		
LINE COUNT:	960		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound of formula I ##STR1##

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wherein

A is a moiety which provides UV absorbing activity to the compound of formula I that comprises 1 divalent group or 2 monovalent groups, with at least one group having carbonyl (C.dbd.O) functionality, and each R is independently linear or branched C.sub.1-C.sub.8 alkyl. Sunscreen formulations which contain these compounds and methods using these compounds to prepare formulations are also provided.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 9 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2003:78046 USPATFULL
TITLE: Insoluble organic UV screening agents of aryl
vinylene ketone type, and cosmetic use
thereof
INVENTOR(S): Richard, Herve, Villepinte, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003053966	A1	20030320
APPLICATION INFO.:	US 2002-191111	A1	20020710 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-9634	20010718
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Rd., Arlington, VA, 22201-4714	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
LINE COUNT:	882	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to insoluble organic compounds containing one or more aryl vinylene ketone groups, for screening out UV radiation, in the form of fine particles with an average size of between 10 nm and 5 µm, and also to their use for protecting the skin, the hair or materials that are sensitive to UV radiation. The said compounds may be obtained by a process of grinding coarse particles in the presence of one or more suitable surfactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 10 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:174780 USPATFULL
TITLE: UV-photostabilization of dibenzoylmethane
sunscreens by compounding with micronized
insoluble screening agents
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Pisson, Anne-Marie, Boussy St Antoine, FRANCE
PATENT ASSIGNEE(S): Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6419908	B1	20020716
APPLICATION INFO.:	US 2000-693887		20001023 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-13222	19991022

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DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Dodson, Shelley A.
LEGAL REPRESENTATIVE: Burns, Doane, Swecker & Mathis, L.L.P.
NUMBER OF CLAIMS: 31
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 719

AB The UV-stability of the UV-photoprotecting dibenzoylmethane compounds is conspicuously enhanced, as is the UV-stability of **cosmetic** /dermatological sunscreen compositions comprised thereof, by formulating such dibenzoylmethane compounds with an effective UV-photostabilizing amount of at least one micronized insoluble organic UV-screening agent, the mean particle size of said micronized particles ranging from 0.01 to 2 μ m.

L19 ANSWER 11 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:167874 USPATFULL
TITLE: Emulsifier-free UV-photoprotecting emulsions comprising micronized insoluble screening agents
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Pissson, Anne-Marie, Boussy St Antoine, FRANCE
PATENT ASSIGNEE(S): Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6416748	B1	20020709
APPLICATION INFO.:	US 2000-693894		20001023 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-13221	19991022
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dodson, Shelley A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	53	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1100	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, water-resistant but emulsifier-free **cosmetic**/dermatological emulsions well suited for the UV-photoprotection of human skin and/or hair contain (a) at least one aqueous phase and (b) at least one fatty phase, (c) an effective UV-photoprotecting amount of at least one micronized organic UV-screening agent insoluble therein, the mean particle size of such micronized particles ranging from 0.01 to 2 μ m and (d) optionally, at least one crosslinked polymer of at least one ethylenically unsaturated monomer.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 12 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:152187 USPATFULL
TITLE: UV-photoprotecting emulsions comprising micronized insoluble screening agents and associative polymers
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Forestier, Serge, Claye Souilly, FRANCE
Pissson, Anne-Marie, Boussy St Antoine, FRANCE

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PATENT ASSIGNEE(S): Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6409998	B1	20020625
APPLICATION INFO.:	US 2000-693889		20001023 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-13220	19991022
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dodson, Shelley A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	81	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1408	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, water-resistant **cosmetic**/dermatological emulsions well suited for the UV-photoprotection of human skin and/or hair contain an effective UV-photoprotecting amount of at least one micronized organic UV-screening agent insoluble therein, the mean particle size of such micronized particles ranging from 0.01 to 2 μ m, and further containing at least one associative polymer which is characteristically other than a C.sub.8-C.sub.16 alkyl polyglucoside.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 13 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:136538 USPATFULL
TITLE: UV-photoprotecting W/O emulsions comprising micronized insoluble screening agents & nonscreening oxyalkylenated silicones
INVENTOR(S): Candau, Didier, Bievres, FRANCE
Forestier, Serge, Claye Souilly, FRANCE
PATENT ASSIGNEE(S): Societe L'Oreal, Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6403061	B1	20020611
APPLICATION INFO.:	US 2000-693888		20001023 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-9813219	19991022
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dodson, Shelly A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	54	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	1047	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable, water-resistant **cosmetic**/dermatological **water-in-oil** (W/O) emulsions well suited for the UV-photoprotection of human skin and/or hair comprise (a) at least one aqueous phase and (b) at least one fatty phase, (c) an effective UV-photoprotecting amount of at least one micronized organic UV-screening agent insoluble therein, the mean particle size of such micronized particles ranging from 0.01 to 2 μ m, and (d) at least one

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oxyalkylenated non-UV-screening organomodified silicone.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 14 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:95345 USPATFULL
TITLE: Photoprotective/**cosmetic** compositions
comprising aminoamidine **sunscreens**
INVENTOR(S): Breton, Philippe, Le Chesnay, FRANCE
PATENT ASSIGNEE(S): Societe l'Oreal S.A., Paris, FRANCE (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6379655	B1	20020430
APPLICATION INFO.:	US 2000-722473		20001128 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1999-14999	19991129
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Dodson, Shelley A.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	907	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applicable sunscreen/**cosmetic** compositions well suited for the photoprotection of human skin and/or hair against the damaging effects of UV-irradiation, particularly solar radiation, comprise an effective UV-photoprotecting amount of at least one characteristically novel aminoamidine compound, advantageously having the structural formula (I): ##STR1##

formulated into a topically applicable, **cosmetically** acceptable vehicle, diluent or carrier therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 15 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:75618 USPATFULL
TITLE: Polyoxyalkylene substituted and bridged triazine, benzotriazole and benzophenone derivatives as **UV** absorbers
INVENTOR(S): Toan, Vien Van, Rheinfelden, SWITZERLAND
Valet, Andreas, Binzen, GERMANY, FEDERAL REPUBLIC OF
Hayoz, Pascal, Grolley, SWITZERLAND
PATENT ASSIGNEE(S): Ciba Specialty Chemicals Corporation, Tarrytown, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6369267	B1	20020409
APPLICATION INFO.:	US 2000-679231		20001004 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 214859, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	CH 1996-1806	19960718
DOCUMENT TYPE:	Utility	

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FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Raymond, Richard L.
ASSISTANT EXAMINER: Balasubramanian, Venkataraman
LEGAL REPRESENTATIVE: Hall, Luther A. R., Stevenson, Tyler A.
NUMBER OF CLAIMS: 7
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 3381

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Triazine, benzotriazole and benzophenone derivatives which are substituted or bridged with polyoxyalkylene groups, according to claim 1, and their use as UV absorbers, especially in photographic materials, in inks, including inkjet inks and printing inks, in transfer prints, in paints and varnishes, organic polymeric materials, plastics, rubber, glass, packaging materials, in sunscreens of cosmetic preparations and in skin protection compositions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 16 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2002:24330 USPATFULL
TITLE: Mono- and bis-benzotriazolyldihydroxybiaryl UV absorbers
INVENTOR(S): Valentine, Jr., Donald H., Ridgefield, CT, United States
Stephen, John F., Westchester, PA, United States
Sassi, Thomas P., Stamford, CT, United States
PATENT ASSIGNEE(S): Cytec Industries Inc., Stamford, CT, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6344505	B1	20020205
APPLICATION INFO.:	US 1999-438754		19991111 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Hoke, Veronica P.		
LEGAL REPRESENTATIVE:	Pennie & Edmonds LLP		
NUMBER OF CLAIMS:	39		
EXEMPLARY CLAIM:	1,22		
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)		
LINE COUNT:	2713		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Provided is a composition which contains a mono- or bis-benzotriazole compound, an N-oxide thereof, or a mixture of at least two of the preceding compounds. Representative bis-benzotriazole compounds include 3,3'-bis-(2H-benzotriazol-2-yl)-5,5'-di-tert-octyl-1,1'-biphenyl-2,2'-diols. Representative mono-benzotriazole compounds include 3-(2H-benzotriazol-2-yl)-5,5'-di-tert-octyl-1,1'-biphenyl-2,2'-diols. These mono- and bis-benzotriazole compounds are useful as stabilizers of degradable polymers against the degradative action of ultraviolet light. Also provided is a method of making these benzotriazole compounds by oxidative dimerization of the corresponding monomeric benzotriazole or by reductive cyclization of the corresponding azo- compound.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L19 ANSWER 17 OF 17 USPATFULL on STN

ACCESSION NUMBER: 2001:182090 USPATFULL
TITLE: UV-photoprotecting sunscreen compositions comprising immixture of polyethylene/carboxylated polyethylene polymers

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INVENTOR(S): Josso, Martin, Paris, France
Meurisse, Stephanie, St Prix, France

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2001031247	A1	20011018
	US 6372200	B2	20020416
APPLICATION INFO.:	US 2001-771661	A1	20010130 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2000-1535	20000208
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Norman H. Stepno, Esquire, BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	674	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Topically applying **cosmetic**/dermatological compositions well suited for both effective and SPF-enhanced UV-photoprotection of human skin and/or hair contain (a) an effective UV-photoprotecting amount of at least one UV-A and/or UV-B sunscreen and (b) an amount of immixture of ethylene polymers effective to enhance the SPF value of said at least one UV-A and/or UV-B sunscreen (a), said immixture of ethylene polymers (b) comprising (i) at least one carboxylated polyethylene and (ii) at least one polyethylene, formulated into a topically applicable, **cosmetically**/dermatologically acceptable vehicle, diluent or carrier therefor, advantageously formulated as an **oil-in-water** emulsion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 12:39:36 ON 17 MAY 2004)

FILE 'USPATFULL' ENTERED AT 12:39:44 ON 17 MAY 2004

L1 141782 S SUNSCREEN? OR UV
L2 0 S US518517/PN
L3 1 S US5518517/PN
L4 1 S US5858055/PN
L5 1 S US5129972/PN
L6 1 S US4919179/PN
L7 141782 S SUNSCREEN? OR UV
L8 84535 S POLYOLEFIN?
L9 14898 S L7 AND L8
L10 613042 S POLYMER? OR OLIGOMR?
L11 14123 S L9 AND L10
L12 1953 S L1/TI
L13 236 S L12 AND L8
L14 66613 S OIL-IN-WATER OR WATER-IN-OIL
L15 23 S L13 AND L14
L16 116766 S METAL OXIDE?
L17 17 S L15 AND L16
L18 54191 S COSMETIC?
L19 17 S L17 AND L18

=> s amphiphilic(p)18

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6027 AMPHIPHILIC
L20 53 AMPHIPHILIC(P)L8

=> s l20 and l19

L21 1 L20 AND L19

=> d 1 ibib abs

L21 ANSWER 1 OF 1 USPATFULL on STN

ACCESSION NUMBER: 2004:88239 USPATFULL

TITLE: Photoprotective **cosmetic** compositions
comprising inorganic **UV**-blocking agents

INVENTOR(S): Lennon, Paula, Lyon, FRANCE
Lorant, Raluca, Thiais, FRANCE

PATENT ASSIGNEE(S): SOCIETE L'OREAL S.A., Paris, FRANCE (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004067208	A1	20040408
APPLICATION INFO.:	US 2003-618701	A1	20030715 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-FR46, filed on 8 Jan 2002, UNKNOWN		

	NUMBER	DATE
PRIORITY INFORMATION:	FR 2001-484	20010115
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BURNS, DOANE, SWECKER & MATHIS, L.L.P., P.O. Box 1404, Alexandria, VA, 22313-1404	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
LINE COUNT:	757	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Stable photoprotective **cosmetic** emulsions, notably **water-in-oil** emulsions well suited for the UV-photoprotection of the skin, lips, mucous membranes and/or hair, contain at least one aqueous phase, at least one oily phase, an effective UV-photoprotecting amount of at least one coated or uncoated **metal oxide** UV-blocking agent and an effective stabilizing amount of at least one **amphiphilic** oligomer or polymer derived from a **polyolefin** which also comprises at least one polar moiety, formulated into a physiologically acceptable medium therefor.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.